Air Force

Functional Requirements Board
SPS v4.2 Increment 1 Deployment
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AFPEO/S & SAF-AQCA

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U.S. AIR FORCE

- CoN Status
  - Risk Assessment Complete – 26 Mar 03
  - Yellow Assessment – Mitigation Includes Upgrade to 4.2 Inc. 2
  - AFCA Approval Expected By 11 Apr 03

- CTO
  - QT&E MAJCOMS Need To Work Now
    - Explain to SC That Limited Risk Assessment Was Accomplished
    - Request Expediting Staffing Process
    - Request Staffing Before AFCA Signature With Update Upon AFCA Approval
  - Other Sites Must Have CTOs Complete In Time To Obtain C&A Update Before AMS Arrival
  - Request Extension To Current CTO – Full Risk Assessment Done With Increment 2 – New Architecture

- C&A
  - Work Update To Existing C&A
    - Pre-9 June- Now
    - Post 9 June- 10 weeks out from Deployment
  - Changes
    - PD2 Version 4.2 vs. 4.1e
    - Sybase From 11.03.3 to 12.0.1
    - SPS-I and Application Server Framework (ASF) Upgraded to Support 4.2 vs. 4.1e
  - Must Have Approval Before AMS Arrives

- Reference Materials
  - JPMO Predeployment package
    - Timing
    - AFCIS Support
    - Automation
  - AF Pre & Post Upgrade Guide & Checklist
  - CONOPS
    - CONOPS Working Group Review By 10 Apr 03
    - FRB Review By 11 Apr 03
    - To QT&E Sites By COB 14 Apr 03
  - CBT
    - Request To JPMO (Instructions In Pre-deployment Package)
    - Sites Must Identify Type Install They Want (Network recommended)

- Readiness Conference Calls
- OIPT
  - Attendance Mandatory starting
    - Sites Deploying Prior To 9 Jun 03 – Begin 27 Mar 03
    - Remaining Sites – 10 Weeks Prior to Scheduled Deployment Date
    - Thursdays 1130 EST; DSN 596-1166
  - Instrument Panel
    - MSgt Martin Update POC – DSN 596-3134
    - Sites Must Report Status NLT COB Every Tuesday Starting 11 Weeks Prior to Deployment

Total Downtime

- Pre AMS Upgrade- 2 days (Weekends possible)
  - QT&E Sites – 4 Days (Testing Process As Well As Upgrade)
  - Does Not Include Win2K Server Upgrade
  - Approximately 30 Tasks To Complete
  - Must Have Clean (no errors) 4.1e SR05 Database Dump To Upgrade
- During AMS Upgrade:
  - Small DB – Less Than 15GB – 48 hours
  - Medium DB – 15GB to 25GB – 72 hours
  - Large DB – Over 25GB – 96 hours

- Post AMS Upgrade- 1-2 days
  - Measures of Success (MOS) – 4 Hours
    - Sites Must Review And Understand The Pre-upgrade Documentation (Contains MOS Test Scripts)
    - Involves Users Processing Test Scripts – Sites Responsible For Proper Staffing
  - Must Restore Database After Completing MOS
  - Must Complete Post-upgrade System Administrator Update and Installation Guide (SAUIG) Tasks

Total Downtime (Cont'd)

- 5-7 Days Total Downtime (Depends on DB Size)
  - AMS On Site For 54 to 102 Clock Hours (2.25 to 4.25 Days)
  - Downtime Includes Pre-upgrade, Upgrade (AMS Time On Site), and Post-upgrade Tasks
    - Sites Responsible for Pre- and Post-upgrade Tasks
    - AFCIS and/or MAJCOMs Will Support Sites During Pre- and Post-upgrade
    - Client install time will vary (AMS only installs 10)

Schedule

- QT&E
  - 21 April – 2 May 03: Keesler AFB & McConnell AFB
  - 28 April – 9 May 03: Robins AFB
- Site Deployment
  - 19 May – 19 Dec 03
  - 5 Databases Upgraded Per Week
    - One or Two Additional DB Upgrades
    - Regional, weekend sites

- CBT & PD Advisor
- New Authorized Callers Required To Attend AMS-led Training
  - JPMO hosted VA classes (student TDY)
  - 4.2 AMS Training DB Installation Cost
    - During Site Install: $2300 + 1Day TDY (hotel & food)
    - Not With Install: $4500 +2 Days TDY + Airfare
    - JPMO Provides 2 Installs : Lackland Schoolhouse & Wright-Patterson Regional Training Facility
- Sites Can Use Test DB For
  - Classes Led By AF: Train the Trainer or OJT
  - Provided with install

- SA Available During All Times AMS On-site

- Sites Required to Have Super Users Available During MOS Process

- Interface Testing Not Part of MOS Testing
  - AMS Will Work SPS-I Configuration With Site
  - AMS Will Run IM With SA To Test DB Access

- Office XP – Not an option
- War
  - Increased Security (including Internet Access)
  - May Dictate Deviations – Be Flexible
  - Potential Travel Restrictions
  - Stay Aware Of Changes
  - Communicate challenges
- MAJCOM Deployment Support Next FY